

L Number	Hits	Search Text	DB	Time stamp
1	84648	dram or (dynamic adj (ram or random))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/04 13:50
2	43024	sram or (static adj (ram or random))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/04 13:50
3	49415	refresh\$3 or re-fresh\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/04 13:51
4	1600	((dram or (dynamic adj (ram or random))) same (sram or (static adj (ram or random))) same (refresh\$3 or re-fresh\$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/04 13:51
5	6437	((dram or (dynamic adj (ram or random))) near5 (refresh\$3 or re-fresh\$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/04 13:51
6	508	((dram or (dynamic adj (ram or random))) near5 (refresh\$3 or re-fresh\$3)) with (sram or (static adj (ram or random)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/04 13:52
7	1864	(writ\$3 or stor\$3) with ((dram or (dynamic adj (ram or random))) near5 (refresh\$3 or re-fresh\$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/04 13:53
8	161	(sram or (static adj (ram or random))) with ((writ\$3 or stor\$3) with ((dram or (dynamic adj (ram or random))) near5 (refresh\$3 or re-fresh\$3)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/04 13:59
9	6350	14.ab. or 14.clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/04 13:59
10	39645	11.ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/04 14:00
11	41997	11.ab. or 11.clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/04 14:00
12	30005	12.ab. or 12.clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/04 14:00
13	11990	13.ab. or 13.clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/04 14:00
14	6254	(11.ab. or 11.clm.) same (12.ab. or 12.clm.) same (13.ab. or 13.clm.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/04 14:01

15	2154	((dram or (dynamic adj (ram or random))) with (refresh\$3 or re-fresh\$3)).ab. or ((dram or (dynamic adj (ram or random))) with (refresh\$3 or re-fresh\$3)).clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/04 14:01
16	1854	((dram or (dynamic adj (ram or random))) with (refresh\$3 or re-fresh\$3)).ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/04 14:01
17	483	((dram or (dynamic adj (ram or random))) with (refresh\$3 or re-fresh\$3)).clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/04 14:02
18	0	((dram or (dynamic adj (ram or random))) with (refresh\$3 or re-fresh\$3)).ab.) same 12.ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/04 14:02
19	116	((dram or (dynamic adj (ram or random))) with (refresh\$3 or re-fresh\$3)).ab.) same (sram or (static adj (ram or random)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/04 14:03
20	173	((sram or (static adj (ram or random))) with (refresh\$3 or re-fresh\$3)).ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/04 14:03
21	68	((dram or (dynamic adj (ram or random))) with (refresh\$3 or re-fresh\$3)).ab.) and ((sram or (static adj (ram or random))) with (refresh\$3 or re-fresh\$3)).ab.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/04 14:03

Welcome to IEEE Xplore[®]

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

1) Enter a single keyword, phrase, or Boolean expression.
Example: acoustic imaging (means the phrase acoustic imaging plus any stem variations)

2) Limit your search by using search operators and field codes, if desired.

Example: optical <and> (fiber <or> fibre) <in> ti

3) Limit the results by selecting Search Options.

4) Click Search. See [Search Examples](#)

(dram or (dynamic <near/1> (ram or random))) and cache and (refresh* or re-fresh*)

Start Search

Clear

Note: This function returns plural and suffixed forms of the keyword(s).

Search operators: <and> <or> <not> <in> [More](#)

Field codes: au (author), ti (title), ab (abstract), jn (publication name), de (index term) [More](#)

Search Options:

Select publication types:

- ☒ IEEE Journals
- ☒ IEE Journals
- ☒ IEEE Conference proceedings
- ☒ IEE Conference proceedings
- ☒ IEEE Standards

Select years to search:

From year: 1950 to 2000

Organize search results by:

Sort by: Relevance

In: Descending order

List 15 Results per page

Welcome to IEEE Xplore[®]

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

Print Format

Your search matched **5** of **959708** documents.A maximum of **5** results are displayed, **15** to a page, sorted by **Relevance** in **descending** order.

You may refine your search by editing the current search expression or entering a new one in the text box.

Then click **Search Again**.

(((dram or (dynamic <near/1> (ram or random)))) and cache and (refresh* or re-fresh*))

Results:Journal or Magazine = **JNL** Conference = **CNF** Standard = **STD****1 Non-refreshing dynamic RAM for on-chip cache memories***Lee, D.D.; Katz, R.H.;*

VLSI Circuits, 1990. Digest of Technical Papers., 1990 Symposium on , 7-9 June 1990

Page(s): 111 -112

[\[Abstract\]](#) [\[PDF Full-Text \(164 KB\)\]](#) **IEEE CNF****2 Using cache mechanisms to exploit nonrefreshing DRAMs for on-chip memories***Lee, D.D.; Katz, R.H.;*

Solid-State Circuits, IEEE Journal of , Volume: 26 Issue: 4 , April 1991

Page(s): 657 -661

[\[Abstract\]](#) [\[PDF Full-Text \(380 KB\)\]](#) **IEEE JNL****3 Comments on 'Using cache mechanisms to exploit nonrefreshing DRAM's for on-chip memories'***Cortadella, J.; Jove, T.;*

Solid-State Circuits, IEEE Journal of , Volume: 27 Issue: 1 , Jan. 1992

Page(s): 132

[\[Abstract\]](#) [\[PDF Full-Text \(32 KB\)\]](#) **IEEE JNL****4 A 10 Mb frame buffer memory with Z-c mpare and A-blend units***Inoue, K.; Nakamura, H.; Kawai, H.;*

Solid-State Circuits, IEEE Journal of , Volume: 30 Issue: 12 , Dec. 1995

Page(s): 1563 -1568

5 A 12-ns 8-Mbyte DRAM secondary cache for a 64-bit microprocess r

Okuda, T.; Naritake, I.; Sugibayashi, T.; Nakajima, Y.; Murotani, T.;
Solid-State Circuits, IEEE Journal of , Volume: 35 Issue: 8 , Aug. 2000

Page(s): 1153 -1158

[\[Abstract\]](#) [\[PDF Full-Text \(248 KB\)\]](#) **IEEE JNL**

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#)
[Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#)
[No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2003 IEEE — All rights reserved

Welcome to IEEE Xplore

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

- 1) Enter a single keyword, phrase, or Boolean expression.
Example: acoustic imaging (means the phrase acoustic imaging plus any stem variations)
- 2) Limit your search by using search operators and field codes, if desired.
Example: optical <and> (fiber <or> fibre) <in> ti
- 3) Limit the results by selecting Search Options.
- 4) Click Search. See [Search Examples](#)

(dram or (dynamic <near/1> (ram or random))) and (sram or (static <near/1> (ram or random))) and (refresh* or re-refresh*)

Start Search

Clear

Note: This function returns plural and suffixed forms of the keyword(s).

Search operators: <and> <or> <not> <in> [More](#)

Field codes: au (author), ti (title), ab (abstract), jn (publication name), de (index term) [More](#)

Search Options:

Select publication types:

- ☒ IEEE Journals
- ☒ IEE Journals
- ☒ IEEE Conference proceedings
- ☒ IEE Conference proceedings
- ☒ IEEE Standards

Select years to search:

From year: 1950 to 2000

Organize search results by:

Sort by: Relevance
In: Descending order
List 15 Results per page

Welcome to IEEE Xplore[®]

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

Print Format

Your search matched **8** of **959708** documents.

A maximum of **8** results are displayed, **15** to a page, sorted by **Relevance** in **descending** order.

You may refine your search by editing the current search expression or entering a new one in the text box.

Then click **Search Again**.

((((dram or (dynamic <near/1> (ram or random)))) and (sram or (static <near/1> (ram or

Search Again

Results:

Journal or Magazine = **JNL** Conference = **CNF** Standard = **STD**

1 Transparent-refresh DRAM (TRed) using dual-port DRAM cell

Sakurai, T.; Nogami, K.; Sawada, K.; Iizuka, T.;

Custom Integrated Circuits Conference, 1988., Proceedings of the IEEE 1988 , 16-19 May 1988

Page(s): 4.3/1 -4.3/4

[\[Abstract\]](#) [\[PDF Full-Text \(344 KB\)\]](#) **IEEE CNF**

2 A 38 ns 4 Mb DRAM with a battery back-up (BBU) mode

Konishi, Y.; Dosaka, K.; Komatsu, T.; Ionue, Y.; Kumanoya, M.;

Tobita, Y.; Genjyo, H.; Nagatomo, M.; Yoshihara, T.;

Solid-State Circuits Conference, 1990. Digest of Technical Papers.

37th ISSCC., 1990 IEEE International , 14-16 Feb. 1990

Page(s): 230 -231, 303

[\[Abstract\]](#) [\[PDF Full-Text \(668 KB\)\]](#) **IEEE CNF**

3 Non-refreshing dynamic RAM for on-chip cache memories

Lee, D.D.; Katz, R.H.;

VLSI Circuits, 1990. Digest of Technical Papers., 1990 Symposium on , 7-9 June 1990

Page(s): 111 -112

[\[Abstract\]](#) [\[PDF Full-Text \(164 KB\)\]](#) **IEEE CNF**

4 A sub-0.5 μA/MB data-retention DRAM

Yamauchi, H.; Iwata, T.; Fukushima, T.; Uno, A.; Sawada, K.;

Fukumoto, M.; Fujita, T.;

Solid-State Circuits Conference, 1995. Digest of Technical Papers.

42nd ISSCC, 1995 IEEE International , 15-17 Feb. 1995

Page(s): 244 -245, 373

[\[Abstract\]](#) [\[PDF Full-Text \(780 KB\)\]](#) **IEEE CNF**

5 Performance improvements in high-density DRAM application using 0.15 μm body-contacted SOI technology

Jong-Wook Lee; Hyung-Ki Kim; Jong-Soo Kim; Won-Chang Lee; Jeong-Hee Oh; Dae-Gwan Kang; Yo-Hwan Koh;

SOI Conference, 2000 IEEE International , 2-5 Oct. 2000

Page(s): 76 -77

[\[Abstract\]](#) [\[PDF Full-Text \(128 KB\)\]](#) **IEEE CNF**

6 Sub-1- μA dynamic reference voltage generator for battery-operated DRAMs

Tanaka, H.; Nakagome, Y.; Etoh, J.; Yamasaki, E.; Aoki, M.; Miyazawa, K.;

Solid-State Circuits, IEEE Journal of , Volume: 29 Issue: 4 , April 1994

Page(s): 448 -453

[\[Abstract\]](#) [\[PDF Full-Text \(528 KB\)\]](#) **IEEE JNL**

7 A 10 Mb frame buffer memory with Z-compare and A-blend units

Inoue, K.; Nakamura, H.; Kawai, H.;

Solid-State Circuits, IEEE Journal of , Volume: 30 Issue: 12 , Dec. 1995

Page(s): 1563 -1568

[\[Abstract\]](#) [\[PDF Full-Text \(648 KB\)\]](#) **IEEE JNL**

8 Measurement of transient effects in SOI DRAM/SRAM access transistors

Wei, A.; Antoniadis, D.A.;

Electron Device Letters, IEEE , Volume: 17 Issue: 5 , May 1996

Page(s): 193 -195

[\[Abstract\]](#) [\[PDF Full-Text \(268 KB\)\]](#) **IEEE JNL**

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#)
[Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#)
[No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)